

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078976.D
 Acq On : 22 May 2024 13:04
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 23 06:02:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	155831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	223545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67547	46.211	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.420%		
35) Dibromofluoromethane	7.805	113	77767	48.630	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.260%		
50) Toluene-d8	10.269	98	300506	50.127	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.575	95	83330	49.479	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	70749	48.588	ug/l	98
3) Chloromethane	2.146	50	115223	59.517	ug/l	98
4) Vinyl Chloride	2.281	62	191281	61.892	ug/l	97
5) Bromomethane	2.687	94	154299	51.701	ug/l	98
6) Chloroethane	2.828	64	150015	53.821	ug/l	93
7) Trichlorofluoromethane	3.169	101	135121	44.275	ug/l	97
8) Diethyl Ether	3.587	74	36527	52.815	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	83103	51.567	ug/l	97
10) Methyl Iodide	4.158	142	99067	51.453	ug/l	97
11) Tert butyl alcohol	5.058	59	17439	273.917	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	81366	51.579	ug/l	95
13) Acrolein	3.793	56	19635	134.941	ug/l	97
14) Allyl chloride	4.558	41	79895	51.904	ug/l	98
15) Acrylonitrile	5.252	53	71449	252.880	ug/l	97
16) Acetone	4.016	43	63244	271.363	ug/l	91
17) Carbon Disulfide	4.264	76	262538	57.462	ug/l	99
18) Methyl Acetate	4.564	43	25224	47.005	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	158651	51.615	ug/l	93
20) Methylene Chloride	4.799	84	92268	49.732	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	92167	52.419	ug/l	93
22) Diisopropyl ether	6.216	45	185359	53.241	ug/l	97
23) Vinyl Acetate	6.152	43	556558	266.526	ug/l	99
24) 1,1-Dichloroethane	6.105	63	136100	49.313	ug/l	100
25) 2-Butanone	7.081	43	81492	261.434	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	122499	50.506	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	101526	49.173	ug/l	96
28) Bromochloromethane	7.428	49	38999	42.371	ug/l	98
29) Tetrahydrofuran	7.440	42	48258	267.663	ug/l	97
30) Chloroform	7.593	83	153117	48.982	ug/l	99
31) Cyclohexane	7.875	56	108675	50.889	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	136402	50.952	ug/l	99
36) 1,1-Dichloropropene	8.004	75	110291	55.423	ug/l	99
37) Ethyl Acetate	7.163	43	35532	52.393	ug/l	98
38) Carbon Tetrachloride	7.993	117	128985	55.386	ug/l	98
39) Methylcyclohexane	9.269	83	141214	58.403	ug/l	94
40) Benzene	8.246	78	343912	53.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18758	51.403	ug/l	92
42) 1,2-Dichloroethane	8.322	62	81727	52.459	ug/l	97
43) Isopropyl Acetate	8.357	43	65241	54.217	ug/l	99
44) Trichloroethene	9.028	130	90055	52.750	ug/l	98
45) 1,2-Dichloropropane	9.299	63	74120	52.404	ug/l	94
46) Dibromomethane	9.393	93	46621	50.071	ug/l	99
47) Bromodichloromethane	9.581	83	117947	52.624	ug/l	100
48) Methyl methacrylate	9.381	41	29428	50.236	ug/l	99
49) 1,4-Dioxane	9.381	88	10036	1225.341	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	172881	269.730	ug/l	99
52) Toluene	10.334	92	225355	54.698	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	101939	53.523	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	122048	53.389	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	62786	52.194	ug/l	98
56) Ethyl methacrylate	10.598	69	69495	56.151	ug/l	98
57) 1,3-Dichloropropane	10.875	76	99877	53.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	115215	216.660	ug/l	100
59) 2-Hexanone	10.922	43	127429	285.636	ug/l	97
60) Dibromochloromethane	11.075	129	85460	52.114	ug/l	100
61) 1,2-Dibromoethane	11.175	107	58917	53.716	ug/l	94
64) Tetrachloroethene	10.804	164	78430	55.300	ug/l	93
65) Chlorobenzene	11.604	112	250626	53.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	87784	54.609	ug/l	96
67) Ethyl Benzene	11.681	91	423716	56.653	ug/l	99
68) m/p-Xylenes	11.793	106	353082	116.118	ug/l	98
69) o-Xylene	12.122	106	157796	56.923	ug/l	96
70) Styrene	12.134	104	280838	57.162	ug/l	99
71) Bromoform	12.298	173	49047	53.264	ug/l #	99
73) Isopropylbenzene	12.422	105	402879	57.952	ug/l	100
74) N-amyl acetate	12.234	43	63364	56.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	66483	53.018	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	43294m	52.798	ug/l	
77) Bromobenzene	12.698	156	97485	53.325	ug/l	99
78) n-propylbenzene	12.763	91	485964	57.835	ug/l	100
79) 2-Chlorotoluene	12.845	91	260024	55.677	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	337953	58.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	24549	59.368	ug/l	96
82) 4-Chlorotoluene	12.945	91	275411	56.212	ug/l	99
83) tert-Butylbenzene	13.163	119	294327	57.620	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	341665	57.109	ug/l	99
85) sec-Butylbenzene	13.345	105	441391	57.928	ug/l	100
86) p-Isopropyltoluene	13.457	119	390144	58.769	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	208567	53.914	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	203778	53.788	ug/l	100
89) n-Butylbenzene	13.787	91	335052	56.324	ug/l	99
90) Hexachloroethane	14.051	117	73751	52.668	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	175747	54.296	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8746	52.389	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	103504	54.461	ug/l	100
94) Hexachlorobutadiene	15.198	225	53919	54.288	ug/l	95
95) Naphthalene	15.328	128	188487	58.224	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	91998	54.417	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

